As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled CHEVRON-FREE FLC DEVICE the specification of which

<u>X</u> is attached was filed		as		•	
	nited States Applicatio				
O	r PCT International Ap	plication Number			
	nd was amended on		·		
I hereby state to specification, including the and do not believe that the before my invention thereof or my or on sale in the United invention has not been pathis application in any co	hat I have reviewed ne claim(s), as amende ne claimed invention weof, or patented or desmore than one year prior States of America motented or made the subuntry foreign to the Ur or assigns more than	(if applicable) and understand the contents of d by any amendment referred to a vas ever known or used in the Uni cribed in any printed publication or to this application, that the same ore than one year prior to this applicate of an inventor's certificate is nited States of America on an application of the content of t	above. ited Stat in any of was no plication sued bef lication	I do not sees of An country but in public, and the filed by	know nerica before ic use at the ate of me or
I acknowledge the defined in Title 37, Code		formation known to me to be mate, Section 1.56.	erial to p	patentabi	lity as
any foreign application(s	) for patent or inventor for patent or invento	under Title 35, United States Code, 's certificate listed below and have r's certificate having a filing da	e also id	lentified	below
Prior Foreign Application	n(s)		Priori Clain		
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
I hereby claim the benefit provisional application(s)	t under title 35, United listed below	States Code, Section 119(e) of any	United	States	

Page 1 of 4

Filing Date

Filing Date

Declaration and Power of Attorney Att. Doc. DIS-P016

(Application Number)

(Application Number)

application(s) listed below not disclosed in the prior United 35, United States Code, Section be material to patentability as	insofar as the subject matter of States application in the manner 112, I acknowledge the duty to defined in Title 37, Code of I	s Code, con 120 of any United States feach of the claims of this application is a provided by the first paragraph of Title disclose all information known to me to federal Regulations, Section 1.56 which on and the national or PCT international					
(Application Number)	Filing Date (S	Status patented, pending, abandoned)					
(Application Number)	Filing Date (S	Status patented, pending, abandoned)					
full power of substitution and re	evocation, to prosecute this appl	Customer Number provided below, with ication and to transact all business in the at all correspondence be addressed to that					
Customer Number 21833							
statements made on information made with the knowledge that	and belief are believed to be to willful false statements and the ection 1001 of Title 18 of the	ny own knowledge are true and that all ue; and further that these statements were e like so made are punishable by fine or United States Code and that such willful r any patent issued thereon.					
Full Name of Sole/First Invento	r <u>: Jiuzhi Xue</u>						
Inventor's Signature:							
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Full Name of Third Inventor: St	tephen H. Perlmutter						
Inventor's Signature:		_ Date:					
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Full Name of Fourth Invente Charles Crandall								
Inventor's Signature:		Date:						
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	(Address, City, State)		(Country)					
Post Office Address: 8171 E. Bellevue St.,	Tucson, AZ 85715							

## Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
    - (i) Opposing an argument of unpatentability relied on by the Office, or
    - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.